

REMARKS

The claim objection informalities have been corrected by the attached amendments. Regarding the objection to Claim 20, line 15 of “said wall”, Claim 26 has instead been corrected to “said inner housing wall” from “said wall”.

The Office Action of record has stated at item 6) that claims 1, 3-4, and 6-11 would be allowable if amended to overcome the objections. The claim objections have been corrected as shown in the attached amendments.

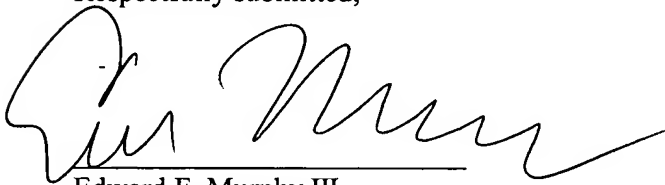
The Office Action of record has stated at item 7) that claim 13 is objected to as being dependent upon a rejected base claim but would be allowable if rewritten to independent form. As shown in the attached amendment, the body of claim 13 has been moved into claim 12, and claim 13 has been canceled. Claim 12 and its dependent claims now include the constant volume accumulator chamber.

As shown in the attached amendments, all of the independent claims now include the constant volume accumulator chamber. The claims have been rejected under 35 USC 103(a) as being obvious over Bauer (US 4,881,723) in view of Imaizumi (US 4,503,951). Claim 10 has been rejected under 35 USC 103(a) as being obvious over Bauer (US 4,881,723) in view of Imaizumi (US 4,503,951) and further in view of Bell (US 6,725,983). Neither Bauer and Imaizumi separately or combined teach the use of such a constant volume accumulator gas chamber in a piston with a movable valve system that provides for the accumulation of compressed gas that is forced out of the reducing volume variable volume chamber. Regarding claim 10, the addition of Bell (US 6,725,983) to this proposed combination does not make up for the constant volume accumulator chamber deficiencies of the Bauer and Imaizumi combination.

The pending claims are not rendered obvious by the proposed combination of references thus Applicants respectfully request allowance of the pending claims.

In addition to requesting a Notice of Allowance of the pending claims, Applicants contend that withdrawn claims 5, 15, and 22 should be allowed as dependent claims of allowed independent claims.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Edward F. Murphy III', written over a horizontal line.

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